Reference: <https://www.youtube.com/watch?v=S6Yd5cPtXr4&list=PLLptuhIcAagQwOkjn199rqK5xKi8OKdqE&index=8&t=7s>

https://youtu.be/S6Yd5cPtXr4?t=6647

List node module

Yarn add express mongoose body-parser bcrypt dotenv

Npm install nodemon –save-d

npm install --save express-async-handler

npm i jsonwebtoken

yarn add cookie-parser

body-parser use for in body json

bcrypt use for crypt password

Install extensions VSCode

* Mongo Snippets for Node
* ES7 JavaScript/Node/Mongoose/MongoDB-Mysql snippets

Simple structure MVC node

* Config
* Controller
* Middleware
* Models
* Node\_modules
* Routes
* Index.js
* Package.js

Processing

* Create server
* Testing router in index
* Connect mongo dB
* Create models controller and route
  + Testing router in file route and export to file index
  + create model for controller calling.
  + create logic algorithm in controller and export controller to route.
* Middleware
  + Create file errorHandler.js for Handle any error.
    - Create NotFound function
    - Create Error Handler function
* Bcrypt password (To hash password)
  + To hash when register it will generate password to hash // userSchema.pre for save every create schema
  + To Compare when login it will compare password enter and hash password // userSchema.methods for create method for schema
* Create CRUD User
* Generate Token for user
  + generate Web Token when login
  + create Auth Middleware (Verify JWT Web Token) for user
* Validate mongo ID
  + Create folder utils for create function usefulness
* Cookie parser

Note:

* Function next() That is, it runs the code below next() after all middleware function finished.

List special function ecommerce

* register
* login
* Get All User
* Get Single User
* Update User
* Delete User
* Blocked User
* Unblocked User
* Handle Refresh Token
* Logout